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L7: Entry 6 of 6

File: DWPI

Dec 8, 1998

DERWENT-ACC-NO: 1999-090044

DERWENT-WEEK: 199908

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TITLE: Flower bud formation inducer - comprises alpha ketol fatty acid

PRIORITY-DATA: 1997JP-0088899 (March 24, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 10324602 A	December 8, 1998		014	A01N037/42

INT-CL (IPC): A01 N 37/42; A01 N 33:10; A01 N 37/42

ABSTRACTED-PUB-NO: JP10324602A

BASIC-ABSTRACT:

A flower bud formation inducer comprises and alpha -ketol fatty acid of formula (I).ADVANTAGE - The composition acts directly on plants to induce bud formation.

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L10: Entry 1 of 6

File: DWPI

Oct 26, 1993

DERWENT-ACC-NO: 1993-374528

DERWENT-WEEK: 199347

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TITLE: Antitumour agent - includes ketol-type unsatd. fatty acid obtd. by reacting unsatd. fatty acid with lipxygenase and hydroperoxide-isomera se

PRIORITY-DATA: 1991JP-0130494 (May 2, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 05279252 A	October 26, 1993		008	A61K031/20

INT-CL (IPC): A61K 31/20; A61K 35/78; C12P 7/42; C12P 7/64

ABSTRACTED-PUB-NO: JP05279252A

BASIC-ABSTRACT:

New anti-tumour agent comprises as effective substance ketol type unsatd. fatty acid. Also claimed are the anti-tumour agent obtd. by reacting unsatd. fatty acid with lipxygenase and hydroperoxide-isomera se; and the anti-tumour agent obtd. by reacting linoleic acid, alpha-, gamma-linolenic acid, arachidonic acid, eicosapentaenoic acid or decosahehexaenoic acid with lipxygenase and hydroperoxide-isomerase.

A typical ketol type unsatd. fatty acid is C12-24 straight chain fatty acid which has one ketone base and hydroxy base, and 1-3 unsatd. bond(s). Examples of hyperoxide-isomerase are those obtd. from corn and wheat. Examples of lipxygenase are those obtd. from corn, wheat and soy bean. Examples, of ketol type unsatd. fatty acid are 13-hydroxy-10-oxo-trans-11-cis-15-octadecadienoic acid, 9-hydroxy-10-oxo-cis-12,15-octadecadienoic acid, 9-hydroxy-12-oxo-trans-10-cis-15-octadecadienoic acid and 13-hydroxy-12-oxo-cis-9,15-octade cadienoic acid.

USE/ADVANTAGE - The agent is less toxic than the previous ones, and has high anti-tumour activity against various kinds of cancers. It shows stronger activity than ordinary fatty acid.

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
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DB=DWPI; PLUR=YES; OP=ADJ

<u>L11</u>	16 and L10	1	<u>L11</u>
<u>L10</u>	18 and 19	6	<u>L10</u>
<u>L9</u>	\$5decadienoic	87	<u>L9</u>
<u>L8</u>	oxo	21653	<u>L8</u>
<u>L7</u>	15 and L6	6	<u>L7</u>
<u>L6</u>	plant or crop	241618	<u>L6</u>
<u>L5</u>	13 and L4	10	<u>L5</u>
<u>L4</u>	ketol	81	<u>L4</u>
<u>L3</u>	fatty acid	56785	<u>L3</u>
<u>L2</u>	fatty acid	56785	<u>L2</u>
<u>L1</u>	ketol	81	<u>L1</u>

END OF SEARCH HISTORY